AUTHOR INDEX

Abd-El-Aziz, M. H., 313 Abraham, Y. C., 451 Adami, L. H., 106 Adams, J. B., 462, 463 Addicott, W. A., 338 Adler, I., 458 Agassiz, L., 319 Aggarwal, Y., 229 Assaf, G., 248 Ahrens, L. H., 451 Ahrens, T. J., 190, 197, 491- Aumento, F., 424, 434, 435 93, 497 Akella, J. 421 Aki, K., 119, 390 Akimoto, S., 187 Aldrich, L. T., 260, 261 Alekseyer, A. S., 183 Alexander, 8. 8., 117 Allen, H. A., 65 Allen, H. C., 89 Allen, J. D., 517 Allpress, J. G., 217, 218 Allsopp, H. L., 392 Alt'shuler, L., 190, 191, 198 Amano, T., 83 Amelinckx, S., 204 Amick, H. C., 274 Amundson, D. C., 150, 151 Amundson, N. R., 287, 297, 298 301 Anders, E., 450, 470 Andersen, C. A., 451 Andersen, S. T., 127, 129, 132 Anderson, D. E., 288, 313 ANDERSON, D. L., 179-202; 179-83, 185-87, 189-91, 194, 197, 492, 493, 498 Anderson, O. L., 189, 194, 492, 493, 495, 507 Anderson, R. V., 229 Anderson, T. F., 85, 324 Anderssen, R. S., 55, 59 Ander & 248, 247 Andre, K., 246, 247 Andrews, P. B., 337, 348, 349 Aoyagi, M., 516 Arai, S., 427, 429 Ardell, A. J., 207, 214, Ardouin, B., 246 Argand, E., 373 Aris, R., 287, 294, 297 Armstrong, R. L., 260, 261, 266, 345 ARNOLD, J. R., 449-89; 452, Basford, J. R., 404 460, 471, 474, 475, 479, 483, Basham, P. W., 118 Bassett, W. A., 492

Arrhenius, G., 464-66, 473, 483 Arvidson, R. E., 458, 460, 472, 484, 524, 525, 529, 534, 537 Ashby, M. F., 215 Ashley, P. M., 427, 437 Ashworth, D. G., 468 Asmus, H. E., 385, 386 Ave'Lallement, H. G., 403, 406, 407 Averill, F. W., 507 Axelrod, D. I., 340

Babcock, H. D., 83 Bachmat, Y., 293 Backus, G. E., 38, 43-45, 53, 56, 57 Baddenhausen, H., 452 Baedecker, P. A., 470, 471 Bagnold, R. A., 534 Bailey, H. P., 340 Bailey, I. W., 322 Bailey, I. W., 322
Bailey, R. C., 38-40
Baker, B. H., 375
Baker, V. R., 535
Bakun, W. H., 118
Balchan, A., 198
Ballard, R. D., 262 Baltakmens, T., 239 Bandy, O. L., 173 Banks, P. M., 288 Banks, R. B., 296 Banno, S., 220, 419, 421-24, 438 Baranov, V. I., 232, 233 Barbe, A., 89 Barber, D. J., 203, 463 Barcilon, V., 38 Bard, Y., 35 Bardeen, J., 507 Bardo, R. D., 79, 82 Barger, R. L., 362 Barker, P. F., 349 Barnes, L., 437 Barraclough, J. T., 296 Barrell, H., 367 Barrett, P. J., 345, 346 Barrow, R. F., 83 Bartell, L. S., 91 Bartholome, P., 419 Barton, G. W. Jr., 98, 101

Basu, A. R., 403 Bates, A., 452, 483 Batson, R. M., 455, 459 Battey, M. H., 406 Baum, W. A., 515, 528, 534 Bé, A. W. H., 170, 171 Beaman, D. R., 221 Bean, A. L., 455 Bear, J., 293, 294, 296 Bearth, P., 427 Beasley, T. M., 239 Beaumont, C., 364 Beck, J. N., 231, 242, 243 Becker, R. H., 469 Beckett, C. W., 96, 103 Behre, K. E., 124, 126 Bell, K. G., 266 Bell, P. M., 510 Bender, P. L., 366, 368 Benedict, W. S., 85, 88, 90, 107 Benesh, W. B., 83 Benfield, A. E., 287 BENNINGER, L. K., 227-55; 232, 233, 235, 237, 238 Benson, W. N., 397 Bent, D. H., 162 Berdot, J. L., 464, 466 Berger, J., 359, 364 Berger, W. H., 168, 170, 171, 174, 322, 323 Berggren, W. A., 321, 332, 334, 338, 339 Berglund, B. E., 133, 134 Bergsager, E. I., 387, 388 Berlin, T. S., 327 Bernabo, J. C., 131 Bernard, R. A., 309, 312 Berner, R. A., 287, 290, 293, 299, 300, 303, 310 Berrange, J. P., 382 Berti, A. A., 130, 140, 145, 164 Bertrand, J., 437 Beskrovnyi, N. S., 309 Bessonova, E. N., 60 Best, W. J., 118 Beu, A. G., 338, 339 Bhandari, N., 239, 463-66, 473, 483 Bhappu, R., 301, 302 Bhat, S., 465, 466, 473, 483 Bhatnager, D. N., 66, 97 Bibring, J. P., 452, 464-66, 468, 469, 472, 473, 479, 480 Bickford, M. E., 275 Bigeleisen, J., 66, 93, 102

Biggar, J. W., 313 Bikerman, M., 272 Bild, R. W., 470, 471 Bilgrami, S. A., 437 Billings, M. P., 259, 260 Billson, E., 462 Binder, A. B., 517 Birch, F., 188, 492, 493, 495 Bircumshaw, L. L., 299, 305, 310 Bird, J. M., 372, 397 Bird, M. L., 461, 462 Bird, R. N., 312 Birkenmaier, K., 388 Birks, H. J. B., 130, 143, 145, 154, 164 Bischoff, K. B., 303, 304 Bjorkholm, P., 458 Blacic, J. D., 214 Black, R. F., 143 Blackman, A., 172 Blackwell, R. J., 295 Blade, L. V., 278 Blake, M. L., 474, 475 Blamey, C., 118 Blanchard, O. P., 463 Blanck, C. E., 89 Blander, M., 419 BLANDFORD, R., 111-22; 114-19 Blanford, G. E., 464, 467 Blasius, K. R., 515, 528, 534 Blattner, P., 106 Bleakney, W., 98 Blifford, I. H., 241 Bliss, N. W., 427 Bloch, F., 505 Blodget, H., 458 Blundell, D. J., 377 Boettcher, A. L., 422 Bogdanov, Y. A., 435 Boland, J. N., 203, 207, 216 Bolt, B. A., 118 Bonatti, E., 434, 435 Bonner, F. T., 106 Bonnin, J., 380, 389 Bonnyman, J., 232 Borg, J., 452, 464-66, 472, 473, 479, 480 Born, M., 68, 74, 79, 492, 494 Borrello, A. V., 29 BOTTINGA, Y., 65-110; 66, 73, 85, 90, 94, 96, 97, 103, 104, 106

Bottino, M. L., 264-66, 272

Bouchez, J. L., 401, 407 Boudier, F., 401, 406, 407 Boullier, A. M., 401, 406,

Bowen, N. L., 408

Bowen, R., 323, 331 Bowin, C. O., 434 Bown, M. G., 209

407

Boynton, W. V., 470, 471 Bradbury, J. C., 275 Braddy, D., 465, 479 Bradley, J. C., 84 Brady, J. B., 436 Braun, E. L., 148 Braunon, J. C., 463 Braunstein, J., 306 Bredekamp, J. H., 38 Briden, J. C., 376, 378 Bridge, J., 18 Bridgman, P. W., 492 Briggs, G. A., 515, 528, 534 Brisco, C. D., 346 Briseid, E., 388 Brock, M. R., 272-75 Bromwell, L. G., 457 Bron, J., 101, 102 Brookins, D. G., 273, 277 Brophy, J. A., 135 Brown, A. W. A., 147 Brown, C. A., 146 Brown, D. A., 392 Brown, G. E., 426 Brown, G. M., 220 Brown, P. E., 436 Brownlee, D. E., 452, 457, 461, 474-76, 483, 484 Brubaker, L. B., 130 Brugam, R. B., 236 Brune, J., 181 Bruyninckx, F., 89 Brynhi, I., 432 Bryson, R. A., 151, 160, 162, 163, 166, 167, 169-71, 173 Buchanan, D. L. Buchardt, B., 324 Bucher, K., 402 Buchsbaum, R., 323 Buckley, H. A., 323 Buffler, R. T., 384 Buijs, H. L., 83-85, 98 Bukowinski, M. S. T., 494, 507, 508 Bullard, E. C., 40 Bullen, K. E., 39, 181 Bunch, T. E., 418 Burckie, L. H., 160 Burdick, L., 181, 185, 186 Burghardt, A., 303 BURKE, K., 371-96; 372, 373, 375, 376, 379, 381, 384, 385, 387, 388, 390-92 Burke, W. H., 260, 273 Burkhard, N., 58 Burlingame, A. L., 452, 464-66, 468, 472, 473, 479 Burneau, A., 84 Burnett, D. S., 471-74, 483 Burnham, C. W., 415, 426 Burns, G. W., 144 Burns, J. A., 537

Boyd, F. R., 220, 411, 413,

421-23, 432

Burrus, C. A., 89 Burst, J. F., 288 Burt, J., 516 Burton, W. M., 242 Buseck, P. K., 217, 218 Butler, J. C., 450, 461 Butter, J. B., 103 Buyerich, W. A. 200 Byevich, Y. A., 295 Byrne, F. E., 277

Cabana, A., 85, 86 Cadenhard, D. A., 462 Cagniard, L., 37 Cahn, J. W., 212 Cain, J. C., 38 Cambray, R. S., 232, 238, 239, 242 239, 242 Cameron, K. I., 411 Cameron, M., 208 Cameron, R., 236 Campbell, D. P., 17 Campbell, K. S. W., 392 Canfield, R. H., 471 Carleton, H. R., 510 Carman, M. F., 461 Carpenter, A. B., 220, 221 Carr, M. H., 515, 528, 534, 535 Carranza, A., 384 Carrier, W. D. III, 457 Carswell, D. A., 432, 433, 436 Carter, N. L., 406, 409 Carusi, A., 534 Casey, R. E., 173 Cassel, D. K., 313 Cawthorn, R. G., 410, 429 Cerrai, E., 103 Chalmers, R. A., 220, 221 Chamberlain, A. C., 234 CHAMPNESS, P. E., 203-26; 203, 212, 213, 220, 222 Chandrasekaran, V. R., 241 Chapman, C. A., 260 CHAPMAN, C. R., 515-40; 518, 519, 521, 524, 525, 527-29, 531, 532, 536 Chapman, N. A., 423, 424 Chapman, R. W., 260 Charette, M. P., 463 Chase, C. G., 391 Chaumont, J. 468 Chedin, A., 87 Chernosky, J. V., 408-11 Cherynsheva, N. E., 20, 21 Chesters, G., 242 Chetrit, G. C., 464, 466 Chidester, A. H., 436 Chien, Y. Y., 26, 27 Chisholm, J. E., 219 219 Chodos, A. A., 427 Chou, C. L., 470, 471 Chow, T. Y., 26, 27

435 Christie, J. M., 203, 207, 212, 214, 215, 222 Christofferson, A., 390 Chu, C. L., 26, 27 Chuang, Y. K., 287 Cintala, M. J., 516 Cirlin, E. H., 468 Clanton, U. S., 461, 462, Clapp, C. H., 262 Clark, D. L., 346 Clark, D. M., 114, 115, 110 CLARK, D. R., 159-78; 160, 162, 167, 168, 172 Clark, S. P. Jr., 183, 190 Clark, T. A., 368 Clayton, R. N., 324, 469 Cleary, J. R., 59 Clegg, K. E., 275 Clements, W. E., 228-30 Cliff, G., 219-22 Cline, J. H., 274 Cline, R. M., 160 Clyne, M. A. A., 83 Coates, R. J., 368 Coats, C. J. A., 402 Coe, R. S., 407 Cohen, T. J., 115, 116 Colchen, M., 26 Cole, S. A., 324 Coleman, R. G., 397, 402, 406, 423, 434, 437 Collins, R. E., 294 Colter, V. S., 385 Compton, W., 106 Comstock, G. M., 463-66, 473, 475, 479-81 Condit, C. D., 521, 525, 528, 532, 534 Conquéré, F., 431 Conrad, C. Jr., 455 Cook, H. E., 17 Cook, K., 516 Cook, R. L., 88 Cooke, C. J., 219 Cooke-Poferl, K., 160 Coope, G. R., 135 Cooper, M. R., 459 Cooper, R. I. B., 40 Copley, P. A., 212 Coradini, A., 534 Coradini, M., 534 Coscio, M. R. Jr., 452, 469, 483 Cosslett, V. E., 204 Costes, N. C., 45 Cotterill, D., 381 457 Counselman, C. C. III, 368 Courtessole, R., 24, 26 Courtoy, C. P., 85, 87 Cousminer, H. L., 385 Coward, M. P., 392 Cowen, I., 198 Cowie, J. W., 15, 17

Christensen, N. I., 433,

Cowley, J. M., 217, 222 Cowsik, R., 463 Cox, K. G., 386 Coxon, J. A., 83 Cragg, C. B., 103, 105 Craig, G. Y., 322 Craig, H., 65, 104, 106, 323, 326, 334 Crawford, B. L., 312 Creager, J. S., 346 Cremer, V., 427 Crewe, A. V., 222 Criswell, D. R., 458, 459, 471 Crook, K. A. W., 392 Crowe, H., 468 Crowell, J. C., 321 Crozaz, G., 236, 239, 458, 463-65, 468 Crumpton, C. F., 277 Curran, P. F., 312 Curtis, C. D., 436 Curtis, D. B., 473 Curtiss, C. F., 312 Cushing, H. P. 274 Cutts, J. A., 515, 519, 528, 534, 537

Dachelet, P., 89 Dagan, G., 289, 306 Dahlem, D. H., 455, 461 Daily, B., 15, 28, 29 Dal Piaz, G., 437 Dalrymple, G. B., 468 Dalton, N. W., 509 Dalziel, I. W. D., 349 Danckwerts, P. V., 290, 303 Dansgaard, W., 341 Dauphin, J. P., 173 Davies, G. F., 189-91, 493, 494, 496, 498, 499 Davis, B. T. C., 422 Davis, G. L., 260, 261 Davis, M. B., 130, 131 , 130, 131, 143, 145, 150, 152 Davis, N. F., 415 Davis, R. B., 130, 144 Dawson, M. R., 346 Dean, W. T., 29 Dearnley, R., 382 DeCicco, P. D., 507 Defossez, A., 89 De Hemptinne, M., 89 Deiss, C. F., 18 Deju, R. A., 301, 302 Delcourt, H. R., 147 Delcourt, P. A., 147 Delteil, J.-R., 386 De Lucia, F. C., 83, 88 Demarest, H. H., 500 Denbigh, K., 67, 75
Den Hartog, J., 103
Denison, R. E., 260, 273
Dennen, W. H., 266

Denny, M., 113 den Tex, E., 398, 406, 807 Denton, G. H., 345 de Quervain, F., 427 Der, Z. A., 119 Dessauvagie, T. F. J., 388 Deubner, J., 485 Deutsch, S., 236 Devereux, I., 331, 332, 336, DeVries, D. A., 313 Dewey, J. F., 372, 373, 375, 376, 380, 381, 385, 387, 389-92, 397 Dickey, J. S., 431 Dickey, J. S. Jr., 451, 472 Diehl, P. E., 391 Dietrich, V., 425, 430 Dietzel, H., 45 Diller, J., 275 455, 456 Dirian, G., 102 Dirksen, C., 313 Dixon, G. E., 384 Dixon, R. N., 83 Dixon, 8. A., 422 Dmitriyev, L. V., 435 Dodd, J. R., 327 Dodge, R. E., 239 Doell, R. R., 463, 464, 468 Dohnanyi, J. S., 517 Doig, R., 390 DOMENICO, P. A., 287-317; 309-11 Donahue, J. G., 172 Donaldson, I. G., 309 Donnay, G., 217 Donnay, G., 217
Dorf, E., 322, 339
Dorman, F. H., 332
Dorman, J., 181
Dorman, L. M., 42, 46, 49
Dorney, A. J., 85, 90 Douglas, A., 118 Douglas, R. G., 323-25, 327, 329-33, 336, 341, 343-45, 349 Dozy, J. J., 309, 310 Dragon, J. C., 452, 469, 483 Dran, J. C., 462-66, 468 Draper, N. R., 162, 164 Dreibus, G., 452 Dreimanis, A., 140 Drewry, G. E., 378 Droman, J., 456 Drozd, R. J., 452, 458, 460, 463-65, 468, 472, 484 Druce, E. C., 28 Dudley, W. C., 324 Duke, M. B., 460-62, 484 Duncan, A. R., 451 Duncan, R. R. J. 8., 450 Dungan, M. A., 425 Dunham, J. L., 70, 72, 84 Dunham, K. C., 309 Dunnebier, F., 456, 459, 460 Duplessy, J. C., 323, 325 Duraud, J. P., 463, 464, 475, 479, 483-85 Durazzi, J. T., 324, 327 Durham, J. W., 337 Duric, R. A., 83, 85 Durmish'yan, A. G., 309 Durrieu, L., 462-64, 466, 468 Duxbury, T., 515, 528, 534 Dybbs, A., 293 Dziewonski, A. M., 38, 179, 180, 191 Dvurien, D., 516, 529, 534

E

Eagle, R. J., 239 Eapen, C. D., 241 Earnshaw, K. B., 367 Eberhardt, P., 469, 485 Edgington, D. M., 236 Edlen, B., 366 Edwards, A. R., 338, 339, 348, 349 Edwards, D. S., 345 Edwards, I., 18 Eggleton, R. E., 531 Ehlers, E. G., 435 Einstein, A., 492, 495 Eldholm, O., 388 Eller, E., 458 Elliot, D. H., 349 Elliott, N., 102 Ellis, M. W., 278 Ellwood, B. B., 175, 321 Elmore, P. L. D., 260, Emiliani, C., 325, 332, 340, 341, 343, 435 Engdahl, E., 186 Engel, C. G., 434 Engen, G. R., 186 England, J. L., 413, 423 Epstein, S., 65, 105, 106, 323-28, 452, 469 Erickson, R. L., 278 Ericson, D. B., 159 Erlank, A. J., 451 Ervin, P. C., 391 Ervin, P. C., Essene, E., 409, 411 Eugater, C., 485 Eugater, C., 485 Euwema, R. N., 507 EVANS, B. W., 397-447; 402, 403, 407-11, 413-16, 419, 420, 425-31, 433, 434, 437 Evans, R. B. III, 293 Evans, R. D., 228 Evenson, E. B., 149 Evernden, J. F., 113-18 Evwaraye, A. O., 464, 465, 473, 479 Ewing, M., 346, 434 Ezekiel, S., 362

Fager, E. W., 172

264-66 Fanale, F. P., 536 Farkas, A., 66 Farkas, L., 66 Faul, H., 260-62, 266 Faure, G., 260, 261, 266 Fawcett, J. J., 408, 411, 415 Fechtig, H., 452, 454-56, 467, 476 Federico, C., 534 Feely, H. W., 239 Felix, W. D., 471, 485 Ferrara, G., 434, 435 Fiala, J., 432 File, D. M., 221 Filson, J. R., 115 Finger, L. W., 419, 422, 426 Finkel, R. C., 471 Finkelman, R. B., 461, 462 Firbas, F., 129, 133 Fireman, E. L., 474, 485 Firestone, R. F., 20 Fischer, H. B., 296 203 Fisenne, I. M., 236, 238 Fisher, R. L., 434 Fisher, R. M., 212 Fishman, V. M., 60 Fleischer, R. L., 463-65, 473, 479 Fleming, E. H. Jr., 238 Fletcher, W. H., 89 Flinn, E., 186 Flint, N. K., 272 Florin, M.-B., 143 Foland, K. A., 260-62, 266 Folk, R. L., 435 Foltz, J. V., 98 Foord, A., 86, 87 Forbes, R. B., 438 Forbes, R. B., 436 Forbes-Resha, J. L., 240 Forestier, F. H., 432 Forsyth, D. W., 119, 182, 183 Foss Smith, D. Jr., 86, 100 Foster, R. J., 349 Frakes, L. A., 346-48 Francis, C. W., 242 Fracis, G. H., 402 Frank, F. C., 299 Frankel, J., 510 Frank-Kamenetskii, D. A., 300, 305 Franklin, J. N., 49 Franks, P. C., 275 Fraser, H. L., 223 Fredriksson, K., 451 Fredskild, B., 154 Frenzel, B., 133 Friedman, A. S., 84, 96, 103

Friedman, I., 65

Friedman, L., 98 Friend, J. P., 239

Fries, M., 135, 139

Fairbairn, H. W., 260, 261,

Fritts, H. C., 160, 162-64
Fritts, W. H., 18, 19
Frost, B. R., 403, 407, 408, 411, 412, 416, 419, 420, 424-29, 431, 436-38
Fruchter, J. S., 450, 471
Fruland, R. M., 452, 461, 462, 464, 467, 468, 472
Fry, L. M., 241
Fujisawa, H., 187
Fulncia, K., 232, 233, 251
Fulchignoni, M., 534
Fullager, P. D., 264-66, 272
Fuller, E. C., 462
Funiciello, R., 534
Fyle, W. S., 432, 434

0

Gaffney, E. S., 190 Gailer, N., 88, 107 Galat, G. A., 117 Gammage, R. B., 462 Gamo, I., 88 Ganapathy, R., 450, 470 Ganguly, J., 421 Gard, J. A., 204, 209, 220, 221 Gardner, G. H., 294, 295 Gardner, J. V., 168, 170, 171, 321, 322, 328, 329 Gardner, W. R., 287 Gaspar, R., 503 Gass, I. G., 376, 434 Gates, W. L., 160, 173, 343 Gatrousis, C., 239 Gault, D. E., 454-57, 461, 462, 473-76, 483, 484, 524, 529, 530, 532, 534 Gavini, M. B., 231, 242, 243 Gay, P., 209 Geiss, J., 469, 485 Geitzenauer, K. R., 160, 166, 345 Gel'fand, I. M., 39 Gentner, W., 467 Gerard, J., 458 Gerdemann, P. E., 275, 277 Gerver, M., 37-39 Ghose, S., 422, 426 Gibbons, R. V., 461 Gierasch, P. J., 537 Giguère, J., 85, 86 Gilbert, F., 38, 43, 45, 46, 56, 57, 179, 180 Giletti, B. J., 260, 261, 264-66, 270 Gillespie, P., 203 GILLULY, J., 1-12 Gilmer, T. H., 391 Gittos, M. F., 220 Glavatskhk, S. G., 309 Glover, E. D., 309

Goddard, E. N., 455, 461 Goel, P. S., 469 Goetze, C., 215, 216 Gold, D. P., 262 Gold, T., 458, 462, 474, 475, 479, 485 Goldberg, E. D., 236-38 Goldberg, I. B., 468 Goldberg, R. H., 471 Goldthwait, R. P., 144 Goles, G. G., 450 Goodney, D. E., 324 Gopalakrishnan, S., 232, 241 Gordon, L., 326 Gordon, M. Jr., 278 Gordy, W., 83, 89 Gorenstein, P., 458 Gose, W. A., 452, 488 Gostin, V. A., 337, 348, Goswami, J. N., 463-66, 479 Gottfried, D., 261 Gouin, P., 377 Gould, A. J., 98 Graeber, C. K., 274 Graf, D. L., 288, 313 Graf, H., 469 Grafe, D., 101, 103 Graham, A., 147 Graham, E. K., 498 Grandcollot, P., 102 Grantham, D. R., 379 Grau, G., 386 Greeley, R., 454, 455, 515, 528, 534 Green, D. H., 185, 380, 412, 413, 421, 422, 431, 432 Green, D. W., 306, 308 Green, H. W. II, 203 Green, H. W. III, 401 Greenberg, J., 313 Greenkorn, R. A., 293 Greenwood, H. J., 410, 413, 431, 436 Gregory, S., 293 Greiff, L. J., 66 Griffin, W. L., 432 Griffiths, D. H., 349, 377 Grigel, W., 432 Griggs, D. J., 407 Griggs, D. T., 204, 209, 212, 214, 220, 221 Griggs, J. L. Jr., 88 Grinenko, V. A., 103, 105 Grogler, N., 469, 485 Grolier, M. J., 534 Grover, J., 407, 418 Grüger, E., 140, 141, 146, 148 Grüger, J., 142, 146 Grüneisen, E., 492, 495 Gubbins, D., 61 Guest, J. E., 515, 528, 529,

Gulbransen, E. A., 65

Gumper, F., 377

Gurski, J., 119 Gursky, H., 458 Gush, H. D., 83-85, 98 Haack, U., 463-65 Haar, L., 84, 96, 103 Hackett, J. E., 141 Hackman, R. I., 531 Hadamard, J., 40, 52 Hafner, S. S., 422 Hafsten, U., 147 463, 464 Haines, E. L., Hair, M., 463-65 Hait, M. H., 455, 461 Hajos, M., 337, 348, 349 Hakh, T. A., 421 Hales, A. L., 191 Hall, G. M., 274 Hall, H. T., 197 Hall, J. L., 362, 364 Hallam, A., 322 Halliday, W. E. D., 147 Ham, W. E., 389 hampel, V. E., 471 Hampson, J., 209 Hampton, M. A., 337, 348, 349 Hand, J. E., 228 Haq, B. U., 323 Harkrider, D. G., 114 harleman, D. R., 296 Harris, B., 458 Harrison, J. C., 364, 365 Hart, H. R., 463-65, 473, 479 Hart, R. S., 179, 180 Hartman, P., 407 Hartmann, W. K., 517-19, 521, 531, 532, 537 Hartung, J. B., 452, 454, 456, 457, 461, 462, 467, 473-76, 483, 484 Hashimoto, H., 206 Hashin, Z., 307, 493 Haskin, L. A., 242, 463 Hause, C. D., 89, 93 Hawkins, G. S., 454 Haxel, O., 241 Hayden, B. P., 160, 162, 163 Hays, J. D., 160, 161, 166, 169, 174 Head, J. W., 516, 524, 533, 534, 537 Head, J. W. III, 537 Healy, J. H., 113 Heard, H., 407 Heath, G. R., 173, 174 Hecht, A. D., 160, 167, 322, 325 Hedge, C. E., 435 Heier, K. S., 432 Heiken, G. H., 452, 461, 462, 468, 472

Heimsch, C., 147

Heinrich, E. W., 427 Heifferich, F., 293, 301 Helmberger, D. V., 114, 186 Helminger, P., 83, 88 Hemley, J. J., 408, 410 Henderson, E. P., 451 Henderson, R. A., 28 Hendy, C. H., 336, 337 Henningsmoen, G., 23 Hensen, B. J., 421 Herbst, R. F., 113 Herman, B. M., 521, 525, 528, 532, 534 Herman, F., 507 Hernandez, E. N., 367 Herrick, C. E. Herring, C., 509 Herron, E. M., 349, 381 Hersey, J. B., 434 Herzberg, C. T., 423, 424 Herzberg, G., 70-74, 82-85 Herzberg, L., 83 Hess, H. H., 209, 434-37 Heuer, A. H., 203, 212, 222 Heybroek, F., 384 Heyl, A. V., 272-75 Heymann, D., 469 Hibberson, W., 412 Hill, R., 492, 493 Hill, R. E., 476 Himmelberg, G. R., 406 Hinteregger, H. F., 368 Hirota, E., 83 Hirschfelder, J. O., 312 Hobbs, B. A., 46 Hobbs, B. E., 216 Hodges, F., 467 Hoefs, J., 260, 261, 324, 329, 431 Hoffman, P., 372, 387 Hoffman, P. F., 372, 389 Hofmann, A., 435 Hohenberg, C. M., 452, 458, 460, 463-65, 468, 472, 484 Holland, C. H., 17 Holley, E. R., 296 Holloway, J. R., 415 Holmes, H. F., 462 Holt, H. E., 459 Homan, C. G., 510 Honda, M., 452, 471, 485 Honess, A. P., 274 Honnorez, J., 434, 435 Hopkins, D. M., 339 Horbert, M., 228 Horibe, Y., 106 Horn, P., 485 Hornibrook, N. de B., 338, 339 Hörz, F., 452, 454, 452, 457, 461, 462, 467, 473-76, 483, 484 Hostetler, P. B., 434 Housley, R. M., 468

Houston, B. J., 461 Jagoutz, E., 452 Houston, W. N., 457 Houtz, R. E., 337, 348, 349 Howe, R. G., 203 Howell, B. F., 18 Howells, S., 422 Hoy, A. R., 85 Hoyt, B. P., 463, 464, 468 Hsü, K. J., 384 Huang, K., 74, 79, 494 Hudson, D. R., 437 348, 349 Hudson, G. H., 274 Hudson, J. A., 118 Huestis, S. P., 48 Huffaker, J. N., 72 Huggett, G. R., 367 Hughes, C. P., 27, 390 Hughes, N. F., 322 414, 436 Huguenin, R. L., 536 Hull, C. H., 162 Hulston, J. R., 99, 103, 105, 106 Hupé, P., 24 Hurley, P. M., 260, 261, 264-66, 270 Hurley, R. W., 114 Husebye, K., 390 Hutcheon, I. D., 463-66 96, 312 Hutchinson, J. H., 346 Hutchinson, R. D., 23 Hutchison, J. L., 218, 219, 426 Hutson, W. H., 168-72, 175, 176 Huzioka, K., 339 lijima, S., 217, 222 Imamura, M., 452, 471, 485 Imbrie, J., 160-66, 169-71, 174, 322, 341 Irusteta, M. C., 218, 219, 426 Irvine, T. N., 419, 429 Irving, A. J., 428, 437 480 Irving, G., 169 Israël, H., 228-30 469, 480 Iversen, J., 127, 134, 136,

138, 154

Iversen, J. D., 534

Ivshin, N. K., 20, 21

Jackson, D. D., 46, 49, 58, 59
Jackson, E. D., 397, 401, 419, 424, 429
Jacobi, W., 246, 247
Jacobs, J. W., 463
Jacobson, G. L., 151
Jaffe, H. W., 261, 266, 426
Jago, J. B., 15, 28

Jahns, R. H., 436 James, R. A., 238 James, R. S., 416 James, R. V., 297 Jansa, L. F., 385 Janssen, C. R., 130 JAVOY, M., 65-110; 66 Jaworowski, Z., 239 Jell, P. A., 29 Jenkins, D. G., 322, 337-39, Jenkins, J. G., 162 Jensen, R. G., 296 Jeppsson, I., 115 Jerasate, S., 296 Jobard, I., 87 Johannes, J., 408, 409 Johannes, W., 409, 410, 413, Johns, J. W. C., 8 Johns, W. D., 310 83 Johnson, D. A., 172 Johnson, L. E., 57 Johnson, L. R., 118 Johnson, N. L., 452, 483 Johnson, O. C., 292, 294-Johnson, R. W. Jr., 274 Johnson, T. C., 173 Johnson, W. C., 160, 167 Jolly, J. L., 275 Jones, G., 379 Jones, G. E., 228, 230 Jones, I. P., 223 JONES, K. L., 515-40; 518, 519, 521, 522, 524, 528, 529, 532-34, 537 Jones, L. H., 86 Jones, P. J., 28 Jones, P. J., 28 Jones, S., 189 Jordan, S., 106 Jordan, T., 185, 189, 190, 194, 197, 492 Jordan, T. H., 61 Joshi, L. U., 232 Louffens, B. 458 Jouffrey, B., 468, 469, Jouret, C., 462-64, 466, 468, Jouve, P., 89 Judd, J. B., 160, 163 Jungck, M., 485 Jupp, D., 46 Jurinak, J. J., 297

Kaiser, H. F., 165 Kaldor, A., 90 Kalinin, V. A., 190, 499 Kanamori, H., 179-81, 190, 191, 493 Kanaris-Sotiriou, R., 436 Kanaya, T., 172 Kaneoka, I., 485 Karrow, P. F., 140

Kasten, P. R., 297 Katchalsky, A., 312 Kaufman, W. J., 305 Kauranen, P., 237 Kay, M., 371, 390 Kehm, A., 325 Keilis-Borok, V. I., 59 Keith, T. C. E., 402, 437 Keller, B. M., 21 Kemp, E. M., 345-48 Kemp, J. F., 274 Kemper, W. D., 313 Kempton, J. P., 141 Kennedy, G. C., 421 Kennett, B. L. N., 60 Kennett, J. P., 321, 332, 334-37, 345, 346, 348, 349 334-37, 345, 346, 345, Kent, D., 346 Kerridge, J. F., 469 Kessler, D. P., 293 Keyes, T. W., 338, 339 Khabakov, A. V., 327 Khachkuruzov, G. A., 88, 107 Khan, M. A., 377 Kharkar, D. P., 245, 246 Khomentovskiy, V. V., 20, 21 Kidd, W. S. F., 390, 392 Kidwell, A. L., 274 Kiko, J., 485 Kilbourne, R. T., 327 Kim, S. G., 119 Kind, R., 182 King, C., 113 King, D. A., 197 King, E. A., 461 King, E. A. Jr., 450 King, J. E., 142, 146 King, J. S., 534 King, P. B., 390 King, R. F., 377 Kingery, W. D., 290, 299, 300 Kinsland, G. L., 492 Kipp, N. G., 160-67, 169-71, 174, 175, 322, 341 Kirby, S. H., 207, 214, 406, 407 Kirichenko, L. V., 229 Kirkham, D., 293, 296 Kirkwood, J. G., 82, 312 Kirst, P., 435 Kirsten, T., 485 Klein, G., 305 Kleinman, L. I. Klotz, I. M., 301 Knauth, L. P., 327 Knight, G. L., 275 Knoll, A. H., 172 Knopoff, L., 494, 499, 507, 508 Kobayashi, T., 26 Koenig, J. B., 275 Kohl, C. P., 452, 471, 485 Kohlstedt, D. L., 215, 216

Kohn, W., 503

Koide, M., 236, 238 Koizumi, I., 172 Kolar, O. C., 114, 115 Kollar, J., 509 Kolodner, I., 287 Kolodny, Y., 327 Kolos, W., 73, 74, 79 Konig, B., 454-56, 476 Kormer, S., 197, 198 Kornprobst, J., 431 Korolyuk, I. K., 21 Korzhinskii, D. S., 435 Kosmath, W., 228 Kosminskaya, I. P., 183 Kothari, B. K., 469 Kovach, R. L., 459, 460 Krahenbuhl, U., 450, 470 Krajewski, B. T., 242 Kramer, J. R., 221 Kraner, H. W., 228 Kräusel, R., 322 Kreidler, T. J., 521, 525, 528, 532, 534 Kretz, R., 419 Krey, P. W., 239, 242 Krinsley, D. H., 346 Krishnaswami, S., 236 Kroopnick, P. M., 324 Krueger, H. W., 264-66, 269, 270 Kruis, A., 101, 103 Krupp, H. K., 313 Kruse, H., 452 Krylov, I. N., 21 Kulling, O., 390 Kunii, D., 308 Kunz, A. B., 509 Kunze, G., 409 Kuroda, P. K., 231, 242, 243 Kushan, B., 29 Kushiro, I., 412, 413 Kutchisu, K., 91 Kutzbach, J. E., 160, 162, 163, 167, 169, 174

1

Labeyrie, L., 327
Lacoss, R. T., 117
Ladd, J., 384
Ladle, G. H., 461, 462, 468
Lagerquist, A., 83
Lai, S. H., 297
Lal, D., 236, 239, 453, 463-66, 473, 479, 483
Lally, J. S., 212, 222
LaLou, C., 323
Lambert, D. G., 117
Lambert, G., 234, 242, 247
Lambert, G., 234, 242, 247
Lambert, D., 456, 459, 460
Lamcote, R., 458
Lancote, Y., 335
Lancos, C., 46
Land, J. C., 450

Landers, T., 459 Landers, T. E., 114, 115, 110 Landes, K. K., 275 LANGEVIN, Y., 449-89; 452, 463-66, 468, 469, 472-75, 479, 480, 482-85 Langston, W. Jr., 346 Langway, C. C. Jr., 236 Lapidus, L., 297, 298, 301 Lappin, M. A., 402, 406 Lapwood, E. R., 191 Larimer, J. W., 418 Larson, R., 335 Larson, R. E., 229 Larson, R. L., 321, 328, 329 349 Lassettre, E. N., 85 Latham, G., 456, 459, 460 Latter, A. L., 113 Lavrentiev, M. M., 40 Lebedev, B. A., 309 Ledbetter, M. T., 175, 321 Lederberg, J., 537 Lee, K. Y., 376 Lee, K. Y., 376 Lee, P. H., 362 Lee, W. H., 287 Legressus, C., 463, 464 Lehmann, L., 241, 242 Leibfried, G., 495, 499 Leighton, R. B., 517 LeLevier, R. E., 113 LeMasurier, W. E., 345 Lendzion, K., 21 Lensch, G., 429 Leonov, I., 295 Lerman, A., 292 Letey, J., 313 Levenspiel, O., 303, 304 LEVINE, J., 357-69; 359, 362, 364, 365 Levitan, R. M., 39 Lewis, B. T. R., 42, 46 Lewis, C. R., 306 Lewis, D. M., 236, 238, 245 Li, Y. H., 293 Liang, S., 465, 466, 473, 483 Liang, T., 535 Lichti-Federovich, S., 130, 132, 144 Lick, W., 288 Lidz, B., 325 Liebermann, R. C., 187, 189, 194, 492, 493, 507 Lightfoot, E. N., 287 Lightner, B. D., 471 Likens, G. E., 152 Lin, H. L., 26, 27 Lindemann, F. A., 66 Lindroth, K. J., 324 Lindsay, J. F., 461, 462 Lindsay, R. V., 468 Lindsley, D. H., 422 Lindstrom, D. J., 450 Lindstrom, M. M., 450

Ling, H. Y., 346 Lingenfelter, R. E., 471 Lintern, B. C., 392 Lipari, N. O., 509 Liu, H. P., 179, 493 Liu, L., 188, 189, 191 , 18 Lochman, C. Lochman-Balk, C., 18, 19 Lockhart, L. B. Jr., 241 Loney, R. A., 406 Longacre, S. A., 19 Longinelli, A., 326 Lonsdale, J. T., 279 Loretto, M. H., 204, 223 Lorimer, G. W., 203, 212, 213, 219-22 Lorin, J. C., 464, 466 Loubat, H., 434, 435 Lovberg, R. H., 364 Löwdin, P. O., 502 Lowenstam, H. A., 323-25, 327, 328, 331 Lowman, P., 458 Lozano, J. A., 160, 161, 166, 189 Lu, Y. H., 26, 27 Lual, J. C., 450 Ludwig, W., 495, 499 Luth, W. C., 422 Luz, B., 172 Lyell, C., 319 Lynts, G. W., 160, 168 Lyons, J. B., 261 Lyons, P. C., 264-66, 269, 270

3.6

Maarleveld, G. C., 132 MacDougall, D., 463-66, 473, 463 MacGregor, I. D., 397, 403, 413, 416, 423, 432, 433 MacLean, W. H., 427 Maggiore, C. J., 221 Mahan, M., 457, 459, 461, 474, 475, 477-79 Mahoney, M. E., 324 Maillard, A., 65 Mains, G. J. 98 Major, A., 187 Majoube, M., 104, 106 Maki, A. G., 90 Malin, M. C., 516, 529, 534, 536 Mamakowa, K., 132, 133 Mamuro, T., 228 Manghnani, M. H., Manheim, F. T., 292 Manka, R. H., 469 Mansfield, J., 377 Manspeizer, W., 385 Mao, H. K., 492, 510 Marchetti, C., 103 Marcus, A. H., 524 Margolis, S. V., 321, 324, 337, 345, 346, 348, 349

McLaren, A. C., 203, 216 Markusevitch, V., 37-39 Marshall, P. D., 114, 118 Martell, E. A., 227, 230, 236, 240, 242, 243, 245-47, 251, 252 Martens, J. H. C., 274 Marti, K., 471 Martin, J. M., 236 Martinelli, E. A., 113 Martinsson, A., 22 Marvin, R. F., 264-66, 270, 372 Marvin, U. B., 451, 472 Marx, D., 103, 104 Mascle, J., 388 Mason, E. A., 293 Massa, A. A., 99, 106 Masursky, H., 515, 528, **RS4** Matson, G. C., 274 Matsumoto, E., 236 Matsumoto, T., 421 Matthes, S., 403, 427 Mattsson, R., 230 Maurette, M., 452, 463-66, 468, 469, 472-75, 479, 480, 482-85 Maxwell, J. A., 143, 145 Maxwell, P. A., 338, 339 Mayeda, T., 65, 326 Mayer, J. E., 67, 75, 80 Mayer, M. G., 66, 75, 80, 93 Maynard, N. G., 160 McAndrews, J. H., 131, 144, 165 McBride, E. F., 435 McCaffrey, R. J., 236, 238, 245 McCallister, R. H., 210, 212, 419, 422, 452 McCallum, I. S., 422 McCauley, J. F., 534 McConnell, R. B., 386 McCord, T. B., 462 McCormick, J. W., 207, 214 McCoy, J. E., 459 McCrea, J. M., 65 McCrosky, R. E., 456 McDonnel, J. A. M., 468 McEvilly, T. V., 118 McGetchin, T. R., 427 McGill, G. E., 519 McGinnis, L. D., 391 McGookey, D. P., 388 McIntyre, A., 160, 166, 324, 341-43 McKay, D. S., 452, 461, 462, 467, 468, 472 McKay, S. M., 450 McKee, E. D., 321 McKellar, A. R. W., 83 McKenzie, D., 35, 376, 392 McKinney, C. R., 65, 323, 324, 327 McKinstry, H. E., 262

McLellan, A. G., 506 McMechan, G. A., 56, 60 McMillan, W. G., 113 McNeis, M. D., 83 McOnie, A. W., 416 McPherson, L. M., 346 Mcdaris, L. G., 418, 427, 431, 432 Megumi, K., 228 Mel'nik, Y. P., 413 Melson, W. G., 435, 451 Mendia, M. D., 468 Menke, B., 124, 126 Menon, K. K., 241 Mercer, J. H., 135 Mercier, J. C., 401, 406, 407 Mercy, E. L. P., 432 Merrill, L., 492 Merten, U., 313 Meunier, R., 468, 469 Meybeck, M., 236 Meyer, H. O. A., 452 Michel, F. C., 469 Michniak, R., 21 Mickelson, D. M., 149 Mickey, W., 113 Miettinen, J. K., 237 Miller, H., 325 Miller, L. G., 324 Miller, N. G., 145 Millman, P. M., 454, 456 Mills, I. M., 85, 90 Milton, C., 274 Milton, D. J., 534, 535 Misch, P., 426 Miser, H. D., 278 Missarzhevsky, V. V., 21 Mitchell, G. F., 129, 137 Mitchell, J. K., 313, 457 Miyashiro, A., 397, 434 Moberly, R., 321, 328, 329 Möckel, J. R., 403, 406, 407, 427 Moe, A., 387, 388 Moe. D., 139 Molina-Ramos, J., 232 Molnar, P., 114, 379, 389 Monchoux, P., 437 Monse, E. U., 94 Montaderi, L., 386 Montoya, J. W., 408, 410 Mondy, C. L., 278 Moody, J. B., 409 Mook, W. G., 132 Moorbath, S., 266 Moore, H. E., 227, 230, 236, 240, 242, 243, 245-47, 251, 252 Moore, H. J., 467, 468 Moore, T. C. Jr., 160, 166, Moores, E. M., 397, 398,

Morgan, C. J., 452, 458, 460, 464, 465, 472, 484 Morgan, J. W., 450, 470 Morgan, W. J., 262 Mörgeli, M., 469, 485 Mori, T., 413, 419, 422, 438 Morimoto, N., 218, 219 Morin, R. W., 159, 171 Morin, R. W., 155, Morino, Y., 86, 100 Morris, E. G., 459 Morris, G. B., 183 Morris, R. V., 468 Morrison, A., 145 Morrison, D. A., 452, 461, 462, 464, 466-68 Morse, P. M., 69 Mosher, J. A., 524 Muan, A., 418 Mulholland, H. P., 76 Müller, W. F., 215 Mumpton, F. A., 434 Murphey, B. F., 65 Murray, B. C., 517, 519, 529, 532 Murray, J. B., 529, 534 Murthy, V. R., 197, 452, 469, 483 Mutch, T. A., 516, 524, 533, 534, 537 Mysen, B. O., 421, 422

Naeser, C. W., 273, 277 Nafziger, R. H., 418 Nagakawa, T., 86 Nagle, J. S., 460, 484 Nakajima, Y., 219 Nakamura, Y., 456, 459, 460 Nakazawa, H., 218 Nalivkina, E. B., 437 Nalwalk, A. J., 434 Nancollas, G. H., 304 Navrestad, T., 387, 388 Naydin, D. P., 327, 329, 231 Naylor, D., 386 Naylor, R. S., 266 Nehru, C. E., 422 Nelen, J., 451 Neukum, G., 452, 454-56, 467, 476 Newbury, R. S., 98, 99, 101 Nezami, M., 234, 242, 247 Nicolas, A., 401, 406, 407 Nie, N. H., 162 Nielsen, A. E., 290, 299 Nielsen, D. R., 313 Nielsen, H. H., 80, 89 Nier, A. O., 65 Nigrini, C. A., 172 Niki, H., 98 Nishiizumi, K., 471, 485 Nissen, H.-U., 220

Nixon, P. H., 432 Noponen, I., 118 Nord, G. L., 212, 222 Nordyke, M. C., 113 North, F. K., 17, 23 Noshkin, V. E., 239 NOZAKI, Y., 227-55; 239 Nuti, S., 326 Juttii, O. W., 119

o

Oba, T., 325 Obata, M., 412, 419, 423, 424, 432 Oberbeck, V. R., 457, 459, 461, 474, 475, 477-79, 516, 525, 529 O'Connell, A., 493 O'Connell, R. J., 498, 510 O'Hara, M. J., 185, 397, 399, 400, 406, 412, 413, 422, 432 Ohashi, Y., 419, 422 Ohnmacht, W., 413 Oka, Y., 421 Olafson, R. A., 91 Olausson, E., 340 Oldenburg, D. W., 44, 185 Olman, M. D., 89, 93 Olsen, E., 418 Olsen, H. W., 313 Olsen, W. B., 91 O'Neil, J. R., 106, 437 O'Neil, M. E., 113 Opdyke, J. P., 173 Opdyke, N. D., 340, 341, 346 Openshaw, I. K., 219 Öpik, A. A., 15, 28 Öpik, E. J., 517, 518, 521 Oppenheimer, R., 68 Orcutt, R. G., 305 Orloci, L., 165, 167 Orlowski, S., 23 Ortega, J. M., 57 Orville, P. M., 418 Osborn, T. W., 471 Osswald, G., 458 Otalora, G., 437 Oterdoom, H., 408, 409 Otto, J. B., 260, 273 Ovenshine, A. T., 337, 348, 349 Overend, J., 85, 86, 100 Øvrebø, O., 387, 388 Owens, J. C., 366

P

Page, N., 409, 437 Palciauskas, V. V., 309, 311, 500 Palme, C., 452 Palme, H., 452 PALMER, A. R., 13-33; 17-19, 26, 27 Pan'kov, V. L., 190, 499 Papanastassiou, D. A., 450, 455, 529 Papike, J. J., 208 Papousek, D., 89, 100 Parish, K. L., 277 PARKER, R. L., 35-64; 35, 48, 57, 60, 61, 185
Parsons, B., 376 Patten, H. L., 146 Patton, H. J., 120 Paulson, J., 457, 459, 461, 474, 475, 477-79 Pearce, G. W., 452 Pearson, J. E., 228, 230 Pegrum, R. M., 386 Peirson, D. H., 232, 238, 239, 242 Pellas, P., 464-66 Pennington, W., 135 Pensko, J., 228 Pepin, R. O., 452, 469, 483 Peppin, W. A., 118 Perch-Nielsen, K., 337 Perelygin, V. P., Perkins, R. W., 471, 485 Perkins, T. K., 292, 294-96, 312 Perlman, M. L., 102 Perry, R. H., 306, 308 Persson, B. R., 237, 239 Peters, T., 402, 425, 427, 429, 430 Petit, D., 236, 238 Petrick, C. B., 294, 295 Pfeifer, H. R., 402 Phakey, P. P., 465, 466 Philip, J. R., 313 Philippi, G. T., 309 Phillips, A. H., 436 Picciotto, E., 236 Pierce, L., 218 Pieri, D., 535 Pimentel, N., 272 Pinson, W. H., 260, 261, 266 Pinson, W. H. Jr., 264-66 Piper, D. J. W., 346 Pisias, N. G., 174, 175 Pitman, W. C., 380, 381, 389 Pitman, W. C. III, 349 Pliva, J., 87, 89, 100 Ploshko, V. V., 435 Plyler, E. K., 85, 88-90, 107 Podosek, F. A., 472 Poet, S. E., 227, 230, 242, 243, 245-47, 251, 252 Pokrovskaya, N. V., 20, 21 Polatty, J. M., 461 Pollack, J. B., 521, 525, 534, 536 Pomeroy, P. W., 118, 377 Ponte, F. C., 385, 386 Potter, R. M., 86

Poulin, P., 145
Poupeau, G., 452, 458, 460, 464, 466, 468, 484
Powell, B. N., 451, 472
Powell, M., 419
Powell, R., 419
Powers, W. L., 293, 296
Prescott, W. H., 367
Press, F., 59, 181
Prewitt, C. T., 208, 426
Price, P. B., 463-66, 468, 479
Pritchard, P. W., 28
Pruatt, M., 389
Pruvost, N. L., 114, 115
Purdie, N., 304
Puzyrev, N. N., 183
Pychova, N. G., 21
Pyper, J. W., 98, 99, 101, 106

0

Quaide, W. L., 457, 459, 461, 474, 475, 477-79, 525, 529 Querzola, B., 366 Quinn, A. W., 260, 261, 265 Quon, S. H., 435

R

Raasch, G. O., 18 Rabinowitz, P. A., Radcliffe, S. V., 212 Ragan, D., 463, 464, 468 Ragan, D. M., 401, 407 Raheim, A., 421 Raimondi, P., 294, 295 Raitt, R. W., 183 Raitt, W. J., 288 Rajagopalan, G., 465, 466, 473, 483 Rajan, R. B., 463, 465, 466 Rajan, S. J., 463 Raleigh, C. B., 406, 407 Ralston, C., 464, 465 Rama, 238, 239 Ramananantoandro, R., 183 Ramaswamy, S., 66, 97 Ramberg, I. B., 384 Ramo, A. O., 266 Rancitelli, L. A., 471, 485 Rangarajan, C., 232, 241 Rank, D. H., 83, 98 Rankin, D. W., 390 Rao, B. S., 83 Rao, C. R., 35 Rao, K. N., 83, 86 Rasetti, F., 18, 24-26 Ravoire, J. , 102 Raymond, K. N., 426 Rayne, J. R., 295 Read, H. H., 436 Reedy, R. C., 471

Rees, C. E., 103, 105 Rees, G., 386 Reeves, H., 464 Rehfuss, D. E., 468 Reiter, L., 389 Rennilson, J. J., 459 Renzoni, R., 103 Renzoni, R., 103 Repina, L. N., 15, 20, 21 Resser, C. E., 18 Reynolds, R. T., 194 Rheinboldt, W. C., 57 Rhodes, J. M., 463 Rice, J. M., 411, 426, 428 Rich, F. J., 510 Richard, P., 145 Richards, P. G., 49 Richardson, S. W., 412, RICHET. P., 65-110; 73. 106 Richter, F. M., 376 Richter, W., 433 Rickard, L. V., 380, 390 Riddiford, A. C., 299, 305, 310 Riehle, J. R., 534 Rigassi, D. A., 384 Riley, 8., 160 Ringwood, A. E., 181-83, 187-91, 194, 380, 413, 492, 493 Ritchie, J. C., 130, 132, 144 Rittenberg, D., 66, 98 Robbins, J. A., 236 Roberts, M. T., 391 Robertson, J. H., 161, 169 Robie, R. A., 411, 421 Robinson, B. P., 306 Robinson, G. M., 295 Robinson, P., 426 Robinson, P., 426 Robinson, R. A., 15, 18 Roche, M., 160, 166 Rodgers, K. V., 463 Roedder, E., 306 Rogers, A. Z., 368 Roh, W. B., 83 Rollins, J. B., 313 Rolston, J. H., 103 Ronnevik, H., 387, 388 Rosco, L., 103 Rose, S. C., 306 Rosen, R., 228 Rosenstock, H. B., 241 Rosenthal, J. E., 85 Rosova, A. V., 20, 21 Ross, C. S., 278 Ross, J. G., 274 Ross, M., 426, 506 Rost, F., 400, 432 Roth, P. H., 170, 322, 323 Rousseau, Y., 98 Rowe, J. S., 140, 146 Rowell, A. J., 15, 18 Rowley, W. R. C., 363 Rozanov, A. Yu., 20, 21,

Rubin, I. B., 221
Rubin, J., 297
Rumer, R. R., 295
Rushton, A. W. A., 15, 22
Russ, G. P., 452, 471, 485
Russ, G. P. III, 452, 471,
473, 483
Russell, B. A., 239
Rutland, R. W. R., 392
Ryaboyi, V. Z., 60
Ryan, W. B. F., 380, 384,
389
Rydell, H., 435

3

Saarnisto, M., 145 Sabatier, P. C., 36, 38, 56, 61 Sabi, N., 102 SACHS, H. M., 159-78; 160, 161, 166, 169-71, 173 Saffman, P. G., 294 Safrai, V. M., 295 Sagan, C., 521, 525, 534, 536, 537 Saito, S., 100 Saito, T., 330, 331 Sakai, H., 97, 103, 105 Saks, V. N., 327 Salisbury, M. H., 433, 435 Salomone, M., 534 Sammis, C., 185, 189, 190, 194, 197, 492 Sammis, C. G., 510 Sanak, J., 246 Sancetta, C., 169 Sancetta, C. A., 160 Sanders, J. V., 217, 218 Sarp, H., 437 Saunders, R. S., 537 Savage, J. C., 367 SAVIN, S. M., 319-55; 323-25, 327, 329-33, 336, 341, 343-45, 349 Savino, J. M., 118 Savitskiy, V. E., 21 Sawkins, F. J., 384, 393 Saxena, S. C., 66, 97 Saxena, S. K., 418 Scarfe, C. M., 409 Schaber, G. G., 455, 461 Schaeffer, O., 485 Schatski, N., 371 Scheibnerova, V., 331 Scheidegger, A., 292 Schleicher, D. C., 461 Schmadebeck, R., 458 Schmid, T., 421 Schmitt, H. H., 451 Schneider, E., 452, 461, 462, 467, 476 Schneider, R., 309 Scholl, D. W., 346 Scholz, C., 229 Schonfeld, E., 472 Schott, W., 159

507 Schreyer, W., 398 Schroeder, G. L., 228 Schuler, R. W., 308, 309, 312 Schultz, P. H., 535 Schuman, R. P., 85 Schumann, G., 241 Schunk, R. W., 288 Schwaller, H., 469 Schwartz, F. W., 306, 313 Schwarzbach, M., 320, 321 Schweitzer, S., 293 Scott, R. F., 457 Sdzuy, K., 23-26 Searle, R. C., 377 Sears, J. E. Jr., 367 Segnit, E. R., 437 Seifert, F. A., 408, 411, 415, 422 Sellers, G. A., 461, 462 Sengor, A. M. C., 379 Sen Gupta, B. K., 327 Servant, J., 228, 229 Shabanov, Yu. Ya., 21 Shackleton, N. J., 169, 174, 323, 325, 332, 334-37, 340, 341, 343, 345, 346 Shaffer, W. H., 85 Sham, L. J., 503, 506 Shand, S. J., 435 Shapiro, I. I., 368 Shapiro, M. H., 240 Sharipdzhanov, I., 190 Sharipdzhanov, L. V., 190, 191, 198 Sharp, J. M., 310 Sharp, R. P., 517, 519 Shatski, N. S., 371, 372 Shaw, D. R., 408, 410 Shelton, R. D., 89 Sher, M. K., 451 Shergold, J. H., 28 Shergold, 5. H., 28 Shettel, D., 409, 411 Shido, F., 434 Shigehara, K., 196 Shimer, R. W., 274 Shimoyama, A., 310 Shiner, V. J. Jr., 98 Shoemaker, E. M., 455, 459, 461, 531 Shor, G. G., 183 Shtrikman, S., 307, 493 Sidorov, A. D., 21 Siebert, M., 39 Siediecka, A., 372, 373 Siever, R., 536 Silver, L. T., 427, 472 Silverberg, E. C., 368 Silverman, S. R., 65 Silvestri, M., 103 Simmons, G., 183, 199, 524 Simons, R., 116 Simpson, I. M., 132 Singer, E., 306

Schreiber, E. S., 492,

Sinnott, E. W., 322 Sipple, R. F., 309 Sisigina, T. I., 228 Sitnikova, G. A., 60 Sittkus, A., 241, 242 Skilbitzke, H., 295, 306 Skillman, S., 507 Skippen, G. B., 410, 411, 414 Skolnick, M. L., 362 Slater, J. C., 500, 503, 504, 506, 508 Slater, L. E., 367 Slattery, J. C., 290-92, 294, 306-8 Sloan, R. K., 517 Sloss, L. L., 391 Smallman, R. E., 204 Smewing, J. D., 434 Smith, A. G., 378 Smith, B. A., 515, 528, Smith, H., 162, 164 Smith, J. G., 86, 87 Smith, J. M., 308, 309, 312 Smith, J. P., 337 Smith, O. F., 228 Smith, R. A., 38 Smith, W. L., 266 Smyth, C. H. Jr., 274 Smyth, L. B., 228 Snajr, M., 25, 26 Snow, E. C., 507 Snow, J. D., 203 Snyder, F. G., 275, 277 Soderblom, L. A., 460, 515, 519, 521, 525, 528, 532, 534 Soga, N., 492, 507 Solt, G., 509 Somayajulu, B. L. K., 172 Socky, A. A., 296 Sorensen, H., 257, 438 Soutar, A., 236 Spaeth, C., 324, 329 Spanbauer, R. N., 83 Speakman, K., 220, 221 Spencer, A. B., 279 Spettel, B., 452 Spetzler, H. A., 493, 498, 510 Spicer, G. S., 232, 238, 239, 242 Spindel, W., 94 Spooner, E. T. C., 434 Springer, D. L., 113 Springer, R. K., 427 Spry, A., 403 Srodon, A., 132 Stallings, V. P., 308, 309, 312 Stangenes, J., 387, 388 Stanley, D., 228-30 Stebbins, A. K., 239

Stebbins, R., 364 Steeds, J. W., 209

Steenbeckeliers, G., 89

Stehli, F. G., 322-25, 332, 333, 336, 341, 343-45, 349 Steinbrenner, K., 162 Steitz, H., 239 Stephenson, L. W., 278 Stern, D. P., 38 Stern, M. J., 94 Stern, T. W., 260, 261 Stetter, J. R., 462 Stettler, A., 469 Stevens, G. R., 324, 331 Stewart, J. H., 391 Stewart, N. G., 242 Stitt, J. H., 19 Stocker, R. L., 215 Stockwell, C. H., 372 Stoeser, J. W., 450 Stone, R. I., 461 Stormer, J. C., 421 Storzer, D., 454-56, 467, 478 Strand, T., 390 Stripp, K. F., 82 Stroh, J. M., 415, 423, 424 Strom, R. G., 525, 529, 530, 532 Stubblefield, C. J., 15 Stuiver, M., 345 Stump, E., 260, 261, 266 Subbarao, K. W., 435 Sueno, S., 208 Suess, E., 373 Suess, H., 103 Summers, A. L., 194 Surratt, G. T., 507 Sutton, R. L., 455, 461 Sverdrup, H. V., 348 Swainbank, R. C., 438 Swann, G. A., 451, 455, 451 Sweetser, E. L., 115, 116, Swyler, K. S., 510 Sykes, L. R., 118, 119, 229 Szekely, J., 287

Takahashi, T., 492 Takakuwa, Y., 106 Takeda, H., 422 Tallantire, P. A., 139 Talwani, M., 388 Talwani, P., 459, 460 Talyev, S. D., 309 Tamhane, A. S., 463-66, 473, 483 Tanai, T., 339 Tapponnier, P., 379, 389 Tatham, R. H., 119 Tatlock, G. J., 209 Tauber, H., 341 Taylor, G. I., 294 Taylor, H. F. W., 220, 221 Taylor, H. P., 409, 434

Taylor, H. P. Jr., 66, 452, Taylor, H. S., 98 Taylor, J. C. M., 385 Taylor, M. E., 17, 18 Taylor, R. M., 461, 462, 468 Taylor, S. A., 313 Taylor, S. R., 453 Teadale, W. E., 296 Teis, R. V., 327, 329, 331 Tera, F., 455, 529 Terry, W. M., 295 Teschice, F., 452 Thacker, R., 452 Thayer, G. D., 367 Thayer, J. P., 397 Theis, C. V., 295 Themelis, N. J., 287 Theyer, F., 159, 171 Thio, S. K., 485 Thode, H. G., 65, 66, 97, 103, 105 Thomas, G., 204 Thomas, H. C., 301 Thomas, H. H., 260, 261, 272-75 Thomas, M. A., 91 Thompson, A. B., 415 Thompson, G., 435 Thomson, J. B., 436 Thompson, T., 389 THOMSEN, L., 491-513; 491, 493, 494, 496, 497, 509, 510 Thomson, J., 236, 238, 239, 245, 246 Tighe, N. J., 222 Tilford, S. G., 83 Tillman, M. F., Tilton, G. R., 260, 261 Toksöz, M. N., 56, 60 Tolderlund, D. S., 171 Tombrello, T. A., 471 Toon, O. B., 537 Toulmin P. III, 261, 262 Touret, J., 431 Towner, D. P., 174 Tracey, J. I. Jr., 278 Trask, N. J., 529, 532 Trombka, J. I., 458 Trommsdorf, V., 402, 403, 407-11, 413-16, 419, 425-31, 433 Troxet, B. W., 391 Tsai, H. M., 452 Tsai, Y. B., 119 Tsunogai, S., 232, 233, 251 Tudge, A. P., 65, 66, 97 Tullis, J. A., 215 TUREKIAN, K. K., 227-55; 238, 239, 245, 246 Turner, F. J., 407 Tuttle, O. F., 408 Twomey, S., 49

Tzur, Y., 287, 303

m

Uchupi, E., 262 Udovich, N., 534 Umbgrove, J. H. F., 371 Urey, H. C., 65, 66, 90, 93, 97, 98, 323, 324, 327 Urrien, C. M., 385

V

Vance, J. A., 425 van Couvering, J. A., 321, 332, 334, 338, 339 Van de Biest, O., 204 van der Hammen, T., 132, 135 Van der Slice, J. T., 83 van Donk, J., 162, 166, 169, 171, 322-24, 330, 331, 349 Van Landuyt, J., 204 Van Orstrand, C. E., 309 Van Riet, R., 89 Van Vleck, J. H., 74, 79 Vassent, B., 452, 464-66, 472, 473, 479, 480 Vdovykin, G. P., 435 Veblen, D. R., 426 Vedder, J. F., 452 Veevers, J. J., 381 Veith, K. F., 117 Vella, P., 336, 337 Venkatavardan, V. S., 465, 466, 473, 483 Vernon, R. H., 403, 407, Ververka, J., 515, 516, 528, 534, 535 Vetter, U., 324, 329 Vilenskii, V. D., 232, 233, 244, 245 Villari, S., 103 Vincent, E., 159, 171 Viney, I. E., 76 Vinot, A. C., 32 323 Virgo, D., 415, 422, 426 Vogel, J. C., 132, 135 Voigt, E., 381 Vojta, G., 67, 75, 81, 82 Volkova, N. A., 21 von Post, L., 127 von Seggern, D. H., 114, 115, 117, 119 Voronova, L. G., 21 Vozoff, K., 46 Vuagnat, M., 437

Wade, J. A., 385 Wagner, H. C., 275 Wahlen, M., 471 Wakao, N., 308, 312 Waldbaum, D. R., 411, 421 Waldbaum, L., 66 Walker, R. L., 463, 464 Walker, R. M., 452, 458, 463-66, 468 Wall, V. J., 409, 411 Wan, C., 422 Wang, H., 183, 199 Wang, V. K., 85, 86 Wänke, H., 452 Ward, W. R., 537 Wardaszko, T., 228 Waring, C. L., 261, 266 Warner, R. D., 422 Warren, C. H., 262 Wasserburg, G. J., 450, 455, 473-75, 483, 529 Wasson, J. T., 470, 471 Wasylikowa, K., 133, 134 Watanabe, E., 218, 219 Waters, A. C., 455, 461 Watkins, J. S., 384, 459, 460 Watson, G. M., 293 Watson, T. L., 274 Watt, D., 493 Watts, W. A., 135, 143, 145, 147, 148, 150 Webb, D. U., 83 WEBB, T. III, 159-78; 130, 131, 144, 145, 151, 160, 162-68, 170-73 Webber, G. R., 266 Weertman, J., 42, 51, 215 Wehner, J. F., 303 Weidelt, P., 37, 39 Weidner, D. J., 510 Weiss, N., 376, 392 Weiss, O., 379 Weiss, R., 362 Weitz, D., 83 Wellman, J. B., 515, 528, 534 Wells, C. E., 275 Welsh, H. L., 91 Wenk, H. R., 407, 426 Wenner, D. B., 409, 434 Werth, G. C., 113 West, R. A., 521, 525, 528, 532, 534 West, R. G., 127-29, 132 West, R. M., 346 Westergard, A. H., 23 Weston, V. H., 39 Wetherill, G. W., 260, 261, 453-55, 529, 532 Weyl, P. K., 172, 290, 300 Whelan, M. J., 206 Whiffen, D. H., 86, 87 Whipple, F., 454 Whitaker, E. A., 459, 525, 530 Whitaker, S., 290, 292, 293 Whitcomb, J., 181, 186, 187 White, B. R., 534 Whitehead, D. R., 143 Whiteman, A. J., 373, 379,

386, 388, 391 Whitney, A. R., 368
Whittaker, E. J. W., 218, 219, 402, 424-26 Whittington, H. B., 27, 390 Wicke, E., 309 Wickham, J., 389 Wicks, F. J., 402, 424, 425 Wiggins, R. A., 46, 56, 60, 186 Wiggins, T. A., 83, 98 Wijmstra, T. A., 135 Wilgain, S., 236 Wilhelm, R. H., 287, 303, 305, 306, 309, 312 Wilhelms, D. E., 529, 530, 537 Wilhite, D. L., 507 Wilkening, L., 464-66, 473, 483 Wilkening, M. H., 228-30, 251, 252 Wilkinson, P. G., 83 Williams, C. R., 260 Williams, D. F., 160, 167 Williams, E. G., 391 Williams, G. J., 474, 475, 479, 485 Williams, R. J., 418 Willis, J. P., 451 Wilshire, H. G., 424 Wilson, A. F., 437 Wilson, G., 412, 413 Wilson, J. L., 18, 19, 389 Wilson, J. T., 372, 373, 376 Wilson, R. C. L., 386 Windom, H. L., 236 Winkler, H. G. F., 409 Winnock, E., 386 Winter, T. C., 146, 150 Wise, D. U., 519 Wiseman, J. D. H., 323 Wochna, M., 228 Wogman, N. A., 471, 485 Wohlenberg, J., 375 Wolfe, J. A., 339, 340 Wolfe, W. J., 432 Wolfsberg, M., 72, 77, 79, 99, 101, 102, 106 Wollast, R., 300 Wollin, G., 159 Wolniewicz, L., Wong, K. M., 239 Woo, C. C., 461, 462 Wood, B. J., 220, 418, 419, 421-24, 433 Wood, C. A., 531 Wood, J. A., 451, 472 Woodland, A. W., 386, 387 Woods, J., 116 Woods, R. T., 463, 464 Woolson, J. R., 116 Woolum, D., 464-65 Woolum, D. 8., 471, 474

Woronow, A., 524, 525, 530 Worthington, M. H., 59 Worzel, J. L., 384 Wright, C. V., 83 WRIGHT, H. E. JR., 123-58; 126, 130, 131, 143, 145-47, 150, 151
Wright, J. R., 228
Wright, L. A., 391
Wright, L. I., 392
Wright, R. C., 173
Wszolek, P. C., 466, 468
Wyatt, F., 364
Wyllie, P. J., 183, 257, 397, 409, 422 150, 151 Y

Yada, K., 218

Yagi, S., 308, 312 Yagi, S., 308, 312 Yaniv, A., 469 Yanovskaja, T. B., 59 Yegorova, L. I., 21 Yerburg, M., 462 Yermakova, V. I., 309 Yin, L. I., 458 Yoder, H. S., 408, 411-13 Yost, D. M., 85 Yuan, K. S., 26, 27 Yuhas, D. E., 463-65, 468 Yund, R. A., 210, 212

Zadorozhyny, I. K., 329, 331 Zagwijn, W. H., 124, 125,

132 Zaleski, T., 303 Zambrano, J., 385 ZARTMAN, R. E., 257-86; 264-66, 270, 272-75 Zbyszewski, G., 385, 386 Zeilinger, P. R., 228 Zen, E., 260, 408, 410, 411 Zener, C., 179, 185 Zharkov, V., 198 Zharkov, V. N., 499 Zhuravleva, I. T., 20 Ziegler, P. A., 389 Ziegler, W. H., 386, 389 Zinner, E., 452, 466, 468 Zupancic, P. R., 228

CUMULATIVE INDEXES

CONTRIBUTING AUTHORS VOLUMES 1-5

A

Anderson, D. E., 4:95-121 Anderson, D. L., 5:179-202 Anhaeusser, C. R., 3:31-53 Arnold, J. R., 5:449-89 Axford, W. I., 2:419-74

R

Banerjee, S. K., 1:269-96
Banks, P. M., 4:381-440
Barnes, I., 1:157-81
Barth, C. A., 2:333-67
Barton, P. B. Jr., 1:183-211
Bathurst, R. G. C., 2:257-74
Benninger, L. K., 5:227-55
Black, R. F., 4:75-94
Blandford, R., 5:111-22
Bonattl, E., 3:401-31
Bottinga, Y., 5:65-110
Bullard, E., 3:1-30
Burke, D. B., 2:213-38
Burke, K., 5:371-96
Burnham, C. W., 1:313-38
Burns, R. G., 4:229-63
Burst, J. F., 4:239-318

C

Champness, P. E., 5:203-26 Chapman, C. R., 5:515-40 Chase, C. G., 3:271-91 Clark, D. R., 5:159-78 Clark, G. R. II, 2:77-99 Cluff, L. 8., 4:123-45 Coroniti, F. V., 1:107-29 Crompton, A. W., 1:131-55 Cruz-Cumplido, M. I., 2:239-58

n

Dieterich, J. H., 2:275-301 Domenico, P. A., 5:287-317 Donahue, T. M., 4:265-92 Duce, R. A., 4:187-228

E

Evans, B. W., 5:397-447

F

Filson, J., 3:157-81 Fripiat, J. J., 2:239-56

G

Gieskes, J. M., 3:433-53 Gilluly, J., 5:1-12 Graf, D. L., 4:95-121 Grant, T. A., 4:123-45

B

Hargraves, R. B., 1:269-96 Hem, J. D., 1:157-81 Herron, E. M., 3:271-91 Hoffman, E. J., 4:187-228 Hubbard, W. B., 1:85-106 Hunten, D. M., 4:265-92

J

Javoy, M., 5:85-110 Jeffreys, H., 1:1-13 Jenkins, F. A. Jr., 1:131-55 Jones, K. L., 5:515-40

2

Kanamori, H., 1:213-39 Karig, D. E., 2:51-75 Kistler, R. W., 2:403-18 Ku, T.-L., 4:347-79 Kvenvolden, K. A., 3:183-212

L

Langevin, Y., 5:449-89 Levine, J., 5:357-69 Levy, E. H., 4:159-85 Lick, W., 4:49-74

M

Margolis, S. V., 4:229-63 McConnell, J. C., 4:319-46 McConnell, J. D. C., 3:129-55 Mendis, D. A., 2:419-74 Millero, F. J., 2:101-50 Miyashiro, A., 3:251-69 Mog1, K., 1:63-84 N

Naylor, R. S., 3:387-400 Normark, W. R., 3:271-91 Nozaki, Y., 5:227-55

0

Ostrom, J. H., 3:55-77

P

Pálmason, G., 2:25-50 Palmer, A. R., 5:13-33 Parker, R. L., 5:35-64 Pilbeam, C. C., 3:343-60

R

Raitt, W. J., 4:381-440 Richet, P., 5:65-110 Riddey, W. I., 4:15-48 Riedel, W. R., 1:241-68 Rothrock, D. A., 3:317-42 Rubey, W. W., 2:1-24

S

Sachs, H. M., 5:159-78 Saemundsson, K., 2:25-50 Savin, S. M., 5:319-55 Schopf, J. W., 3:213-49 Schunk, R. W., 4:381-440 Simpson, G. G., 4:1-13 Skinner, B. J., 1:163-211 Stacey, F. D., 4:147-57 Stanley, S. M., 3:361-85

T

Thompson, A. B., 2:179-212
Thompson, G. A., 2:213-38
Thomsen, L., 5:491-513
Thorne, R. M., 1:107-29
Toksőz, M. N., 2:151-77
Turekian, K. Y., 5:227-55

U

Ubaghs, G., 3:79-98

V

Vaišnys, J. R., 3:343-60

2

- Van Houten, F. B., 1:39-61 Vonnegut, B., 1:297-311
- Vonnegut, B., 1:297-311 W

Walcott, R. I., 1:15-37 Walker, R. M., 3:99-128

- Webb, T. III, 5:159-78 Weertman, J., 3:293-315 Weertman, J. R., 3:293-315
- 315 Wetherill, G. W., 2:303-31 Wofsy, S. C., 4:441-69 Wood, D. S., 2:369-401
- Wright, H. E. Jr., 5:123-58
- Zartman, R. E., 5:257-86 Zen, E., 2:179-212

CHAPTER TITLES VOLUMES 1-5

GEOCHEMISTRY, MINERALOGY, AND PETROLOGY Chemistry of Subsurface Waters Genesis of Mineral Deposits I. Barnes, J. D. Hem 1-157-82 B. J. Skinner, P. B. Barton Jr. 1:183-212 Order-Disorder Relationships in Some Rock-Forming Silicate Minerals C. W. Burnham 1:313-38 Low Grade Regional Metamorphism: Mineral Equilibrium Relations E. Zen, A. B. Thompson 2:179-212 Clays as Catalysts for Natural Processes J. J. Fripiat, M. I. Cruz-Cumplido 2:239-56 Phanerozoic Batholiths in Western North America: A Summary of Some Recent Work on Variations in Time, Space, Chemistry, and Isotopic Compositions R. W. Kistler 2:403-18 Microstructures of Minerals as Petrogenetic Indicators J. D. C. McConnell 3:129-55 K. A. Kvenvolden Advances in the Geochemistry of Amino Acids Volcanic Rock Series and Tectonic Setting A. Miyashiro 3:251-69 Metallogenesis at Oceanic Spreading Centers E. Bonatti 3:401-31 Chemistry of Interstitial Waters of Marine Sediments J. M. Gieskes 3:433-53 Multicomponent Electrolyte Diffusion D. E. Anderson, D. L. Graf J. F. Burst 4:95-121 Argillaceous Sediment Dewatering 4:293-318 The Uranium-Series Methods of Age Determination T .- L. Ku 4:347-79 Interactions of CH and CO in the Earth's Atmosphere S. C. Wofsy 4:441-69 A Review of Hydrogen, Carbon, Nitrogen, Oxygen, Sulphur, and Chlorine Stable Isotope Fractionation Among Gaseous Molecules P. Richet, Y. Bottinga, M. Javoy 5:65-110 Transmission Electron Microscopy in Earth Science P. E. Champness 5:203-26 Geochemistry of Atmospheric Radon and Radon Products K. Y. Turekian, Y. Nozaki, L. K. Benninger 5:227-55 Metamorphism of Alpine Peridotite and Serpentinite B. W. Evans 5:397-447 GEOPHYSICS and PLANETARY SCIENCE Structure of the Earth from Glacio Isostatic R. I. Walcott 1:15-38 W. B. Hubbard Interior of Jupiter and Saturn 1:85-106

556 CHAPTER TITLES

	F. V. Coroniti, R. M. Thorne	1:107-30
Theory and Nature of Magnetism in Rocks	R. B. Hargraves, S. K. Baner-	
Geophysical Data and the Interior of the Moon	jee M. N. Toksöz	1:269-96 2:151-77
Solar System Sources of Meteorites and Large		
	G. W. Wetherill	2:303-31
The Atmosphere of Mars	C. A. Barth	2:333-67
Satellites and Magnetospheres of the Outer		
	D. A. Mendis, W. I. Axford	2:419-74
Interaction of Energetic Nuclear Particles in	D. 11. Marian, W. 1. 100001	0.120 12
	R. M. Walker	3:99-128
	J. Filson	3:157-81
High Temperature Creep of Rock and Mantle	J. FIIBOR	9:191-01
	J. Weertman, J. R. Weertman	3:293-315
The Mechanical Behavior of Pack Ice	D. A. Rothrock	3:317-42
	J. R. Vaišnys, C. C. Pilbeam	3:343-60
Petrology of Lunar Rocks and Implications to		
Lunar Evolution	W. I. Ridley	4:15-48
Paleomagnetism of Meteorites	F. D. Stacey	4:147-57
Generation of Planetary Magnetic Fields	E. H. Levy	4:159-85
Hydrogen Loss from the Terrestrial Planets	D. M. Hunten, T. M. Donahue	4:265-92
The Ionospheres of Mars and Venus	J. C. McConnell	4:319-46
The Topside Inosphere: A Region of Dynamic		
Transition	P. M. Banks, R. W. Schunk,	
	W. J. Raitt	4:381-440
Understanding Inverse Theory	R. L. Parker	5:35-64
Discrimination Between Earthquakes and		0.00 01
Underground Explosions	R. Blandford	5:111-22
Composition of the Mantle and Core	D. L. Anderson	5:179-202
Laser-Distance Measuring Techniques		and the same of the same
	J. Levine	5:357-69
The Evolution of the Lunar Regolith	Y. Langevin, J. R. Arnold	5:449-89
Theoretical Foundations of Equations of State		
for the Terrestrial Planets	L. Thomsen	5:491-513
Cratering and Obliteration History of Mars	C. R. Chapman, K. L. Jones	5:515-40
MISCELLANEOUS	n n nib	4.00 04
Features Indicative of Permafrost	R. F. Black	4:75-94
Transport Phenomena in Chemical Rate		
Processes in Sediments	P. A. Domenico	5:287-317
OCEANOGRAPHY, METEOROLOGY, AND CLIMA		
Electrical Balance in the Lower Atmosphere	B. Vonnegut	1:297-312
The Physical Chemistry of Seawater	F. J. Millero	2:101-50
Numerical Modeling of Lake Currents	W. Lick	4:49-74
Chemical Fractionation at the Air/Sea Interface	R. A. Duce, E. J. Hoffman	4:187-228
Pacific Deep-Sea Manganese Nodules: Their		
Distribution, Composition, and Origin	S. V. Margolis, R. G. Burns	4:229-63
Quaternary Vegetation History-Some Compar-		
isons Between Europe and America	H. E. Wright Jr.	5:123-58
The History of the Earth's Surface Temperature		0.120 00
During the Past 100 Million Years	S. M. Savin	5.910.EE
		5:319-55
PALEONTOLOGY, STRATIGRAPHY, AND SEDIM		1.00 00
Origin of Red Beds: A Review-1961-1972	F. B. Van Houten	1:39-62
Mammals from Reptiles: A Review of	. W. C	
Mammalian Orgins	A. W. Crompton, F. A. Jenkins	
	Jr.	1:131-56
Cenozoic Planktonic Micropaleontology and		
Biostratigraphy	W. R. Riedel	1:241-68
Growth Lines in Invertebrate Skeltons	G. R. Clark II	2:77-99
Marine Diagenesis of Shallow Water Calcium		
Carbonate Sediments	R. G. C. Bathurst	2:257-74
The Origin of Birds	J. H. Ostrom	3:55-77
Early Paleozoic Echinoderms	G. Ubaghs	3:79-98
Precambrian Paleobiology: Problems and		
Perspectives	J. W. Schopf	3:213-49
Adaptive Themes in the Evolution of the	or Joseph	
Bivalvia (Mollusca)	S. M. Stanley	3:361-85
Biostratigraphy of the Cambrian System—A	or an statuty	D.001-00
Progess Report	A. R. Palmer	5:13-33
r rolene rechore	A. A. Patmer	0:10-00

CHAPTER TITLES 557

Paleoecological Transfer Functions	H. M. Sachs, T. Webb III, D. R. Clark	5:159-78
PREFATORY CHAPTERS	W. 10 O.112	0.100-10
Developments in Geophysics	H. Jeffreys	1:1-14
Fifty Years of the Earth Sciences-A Renaissance	W. W. Rubev	2:1-24
The Emergence of Plate Tectonics: A Personal		
View	E. Bullard	3:1-30
The Compleat Palaeontologist?	G. G. Simpson	4:1-13
American Geology Since 1910-A Personal		
Appraisal	J. Gilluly	5:1-12
TECTONOPHYSICS AND REGIONAL GEOLOGY		
Rock Fracture	K. Mosti	1:63-84
Mode of Strain Release Associated with Major		
Earthquakes in Japan	H. Kanamori	1:213-40
Iceland in Relation to the Mid-Atlantic Ridge	G. Pálmason, K. Saemundsson	2:25-50
Evolution of Arc Systems in the Western Pacific	D. E. Karig	2:51-75
Regional Geophysics of the Basin and Range		
Province	G. A. Thompson, D. B. Burke	2:213-38
Earthquake Mechanisms and Modeling	J. H. Dieterich	2:275-30
Current Views of the Development of Slaty		
Cleavage	D. S. Wood	2:369-40
Precambrian Tectonic Environments	C. R. Anhaeusser	3:31-53
Plate Tectonics: Commotion in the Ocean and		
Continental Consequences	C. G. Chase, E. M. Herron,	
	W. R. Normark	3:271-91
Age Provinces in the Northern Appalachians	R. S. Naylor	3:387-40
Radar Imagery in Defining Regional Tectonic		
Structure	T. A. Grant, L. S. Cluff	4:123-45
Geochronology of Some Alkalic Rock Provinces		
in Eastern and Central United States	R. E. Zartman	5:257-86
Aulacogens and Continental Breakup	K. Burke	5:371-96



